08-21-06

ATTORNEY DOCKET NO.

962891.0993

**Valumation No. 2952** 

PATENT APPLICATION 09/812,835

1

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Darren R. Kerr, et al.

Serial No.

09/812,835

Filing Date:

March 21, 2001

Group Art Unit:

2145

Confirmation No.:

2952

Examiner:

Jeffrey R. Swearingen

Title:

Network Flow Switching and Flow Data Export

"EXPRESS MAIL"

Express Mailing Label No. EV 732540111 US

Date of Deposit: August 18, 2006

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

MAIL STOP AMENDMENT

Commissioner for Patents

PO Box 1450

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Willie Jiles

08/22/2006 MBLANCO 00000011 09812835 **INFORMATION DISCLOSURE S** 

Applicant respectfully requests, pursuant to 37 C.F.R. §§1.56, 1.97, and 1.98, that the documents listed on the attached Form PTO-1449 be considered and cited in the examination of the above-identified Application.

PATENT APPLICATION 09/812.835

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Pursuant to the changes to 37 C.F.R. §1.98(a)(2), copies of U.S. patents and U.S. patent application publications have not been provided. However, references other than U.S. patents and U.S. patent application publications are enclosed for the convenience of the Examiner.

Pursuant to 37 C.F.R. §§1.97(g) and (h), Applicant makes no representation that these documents qualify as prior art or that these documents are material to patentability of the present application or that a search has been made.

The first Office Action has been received by the Applicant in the above identified Application. Therefore, pursuant to 37 CFR § 1.97(c), Applicant hereby submits a check in the amount of \$180.00 to cover the cost of the filing fee. The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 02-0384 of BAKER BOTTS L.L.P.

Respectfully submitted,

BAKER BOTTS L.L.P. Attorneys for Applicant

Dated: August 8, 2006

Correspondence Address:

Customer No. 05073

Information Information
In an Application

AUG 1 8 2006

Application No.
09/812,835

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Applicant(s)
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		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
+	A	4,131,767	12/1978	Weinstein			
	В	4,161,719	7/1979	Parikh, et al.			<del></del>
1	С	4,316,284	2/1982	Howson			· · · · · · · · · · · · · · · · · · ·
	D	4,397,020	8/1983	Howson			
1	È	4,419,728	12/1983	Larson			
	F	4,424,565	1/1984	Larson			<u>.</u>
	G	4,437,087	3/1984	Petr			
	Н	4,438,511	3/1984	Baran			
	I	4,439,763	3/1984	Limb			
_	J	4,445,213	4/1984	Baugh, et al.			
t	K	4,446,555	5/1984	Devault, et al.			
	L	4,456,957	6/1984	Schieltz			
+	M	4,464,658	8/1984	Thelen			
	N	4,499,576	2/1985	Fraser			
	0	4,506,358	3/1985	Montgomery			
	P	4,507,760	3/1985	Fraser			
	Q	4,532,626	7/1985	Flores, et al			
_	R	4,644,532	2/1987	George, et al.			
	S	4,646,287	2/1987	Larson, et al.			
	T	4,677,423	6/1987	Benvenuto, et al.			
	U	4,679,189	7/1987	Olson, et al.	370	60	
	V	4,679,227	7/1987	Hughes-Hartogs			
-	W	4,723,267	2/1988	Jones, et al.			
	X	4,731,816	3/1988	Hughes-Hartogs	_		
+	Y	4,750,136	6/1988	Arpin, et al.			
$\dashv$	Z	4,757,495	7/1988	Decker, et al.		<del>                                     </del>	

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		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A	4,763,191	8/1988	Gordon, et al.			
$\top$	В	4,769,810	9/1988	Eckberg, Jr., et al.			
$\dashv$	С	4,769,811	9/1988	Eckberg, Jr., et al.			
	D	4,771,425	9/1988	Baran, et al.			_
	Ē	4,819,228	4/1989	Baran, et al.			
	F	4,827,411	5/1989	Arrowood, et al.			·
	G	4,833,706	5/1989	Hughes-Hartogs			<u>.                                    </u>
1	Н	4,835,737	5/1989	Herrig, et al.			
$\dagger$	I	4,879,551	11/1989	Georgiou, et al.			
$\dashv$	J	4,893,306	1/1990	Chao, et al.			
	K	4,903,261	2/1990	Baran, et al.			
	L	4,922,486	5/1990	Lidinsky, et al.			
$\top$	M	4,933,937	6/1990	Konishi			
	N	4,960,310	10/1990	Cushing			
$\dagger$	0	4,962,497	10/1990	Ferenc, et al.			
$\dagger$	P	4,962,532	10/1990	Kasirai, et al.			
$\dagger$	Q	4,965,772	10/1990	Daniel, et al.			
+	R	4,970,678	11/1990	Sladowski, et al.			
+	S	4,979,118	12/1990	Kheradpir	364	436	
$\dagger$	T	4,980,897	12/1990	Decker, et al.			
$\dagger$	U	4,991,169	2/1991	Davis, et al.			
$\dagger$	V	5,003,595	3/1991	Collins, et al.			
$\dagger$	W	5,014,265	5/1991	Hahne, et al.			
$\dagger$	X	5,020,058	5/1991	Holden, et al.			
+	Y	5,033,076	7/1991	Jones, et al.			<del></del>
+		5,054,034	10/1991	Hughes-Hartogs			

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Application No.		Applicant(	s)
09/812,835		Darren R.	Kerr et al.
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062891.0993	2145		March 21, 2001
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		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A	5,059,925	10/1991	Weisbloom			
	В	5,072,449	12/1991	Enns, et al.			
	C	5,088,032	2/1992	Bosack			
$\dashv$	D	5,095,480	3/1992	Fenner	370	94.1	
	Е	5,115,431	5/1992	Williams, et al.			
7	F	5,128,945	7/1992	Enns, et al.			
1	G	5,136,580	8/1992	Videlock, et al.	-		
1	Н	5,166,930	11/1992	Braff, et al.			
1	I	5,199,049	3/1993	Wilson			<del></del>
	J	5,206,886	4/1993	Bingham			<del>-</del>
	K	5,208,811	5/1993	Kashio, et al.			
+	L	5,212,686	5/1993	Joy, et al.			
	M	5,224,099	6/1993	Corbalis, et al.			
1	N	5,226,120	7/1993	Brown, et al.			
	0	5,228,062	7/1993	Bingham			· · · · · ·
	P	5,229,994	7/1993	Balzano, et al.			
	Q	5,237,564	8/1993	Lespagnol, et al.			-
_	R	5,241,682	8/1993	Bryant, et al.			
1	S	5,243,342	9/1993	Kattemalalavadi, et al.			
-	T	5,243,596	9/1993	Port, et al.			
	U	5,245,614	9/1993	Gutman, et al.			
$\dashv$	V	5,247,516	9/1993	Bernstein, et al.			
$\dashv$	W	5,249,178	9/1993	Kurano, et al.			
$\dashv$	X	5,253,251	10/1993	Aramaki			
+	Y	5,255,291	10/1993	Holden, et al.	-		
十	Z	5,260,933	11/1993	Rouse			

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Application No. 09/812,835 Docket Number

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Applicant(s)

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	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
A	5,260,978	11/1993	Fleischer, et al.			
В	5,268,592	12/1993	Bellamy, et al.			·
С	5,268,900	12/1993	Hluchyj, et al.			
D	5,271,004	12/1993	Proctor, et al.			
Е	5,274,631	12/1993	Bhardwaj			
F	5,274,635	12/1993	Rahman, et al.			****
G	5,274,643	12/1993	Fisk			
Н	5,280,470	1/1994	Buhrke, et al.			
I	5,280,480	1/1994	Pitt, et al.	370	256	-
J	5,280,500	1/1994	Mazzola, et al.			
K	5,283,783	2/1994	Nguyen, et al.			
L	5,287,103	2/1994	Kasprzyk, et al.			
М	5,287,453	2/1994	Roberts	395	200	
N	5,287,535	2/1994	Sakagawa, et al.	370	60	
О	5,291,442	3/1994	Emma, et al.	711	120	
P	5,291,482	3/1994	McHarg, et al.			
Q	5,305,311	4/1994	Lyles			
R	5,307,343	4/1994	Bostica, et al.			
S	5,309,437	5/1994	Perlman, et al.	370	85.13	,
Т	5,311,509	5/1994	Heddes, et al.			
U	5,313,454	5/1994	Bustini, et al.			
V	5,313,582	5/1994	Hendel, et al.			
W	5,317,562	5/1994	Nardin, et al.			
X	5,319,644	6/1994	Liang			
Y	5,325,504	6/1994	Tipley, et al.	711	128	
Z	5,327,421	7/1994	Hiller, et al.			

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Darren R. Kerr et al. Group Art Unit 2145

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	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
A	5,331,637	7/1994	Francis, et al.			
В	5,335,224	8/1994	Cole, et al.	370	235	
С	5,345,445	9/1994	Hiller, et al.	-		****
D	5,345,446	9/1994	Hiller, et al.			
Е	5,347,642	9/1994	Barratt	711	113	····
F	5,359,592	10/1994	Corbalis, et al.			<u> </u>
G	5,361,250	11/1994	Nguyen, et al.			
Н	5,361,256	11/1994	Doeringer, et al.			
I	5,361,259	11/1994	Hunt, et al.			
J	5,365,524	11/1994	Hiller, et al.			
K	5,367,517	11/1994	Cidon, et al.			
L	5,371,852	12/1994	Attanasio, et al.			
M	5,386,567	1/1995	Lien, et al.			
N	5,390,170	2/1995	Sawant, et al.			
0	5,390,175	2/1995	Hiller, et al.			
P	5,394,394	2/1995	Crowther, et al.			#*************************************
Q	5,394,402	2/1995	Ross			
R	5,394,408	2/1995	Nishihara, et al.	714	812	
S	5,400,325	3/1995	Chatwani, et al.			
T	5,408,469	4/1995	Opher, et al.			
U	5,416,842	5/1995	Aziz			
V	5,418,922	5/1995	Liu	711	3	
W	5,422,880	6/1995	Heitkamp, et al.	<del> </del>		
X	5,422,882	6/1995	Hiller, et al.			
Y	5,423,002	6/1995	Hart	<del>                                     </del>		
Z	5,426,636	6/1995	Hiller, et al.	<del> </del>		<del> </del>

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		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
+	Ā	5,426,637	6/1995	Derby et al.	370	401	
	В	5,428,607	6/1995	Hiller, et al.			
	С	5,430,715	7/1995	Corbalis, et al.			
	D	5,430,729	7/1995	Rahnema		,	
$\dashv$	Е	5,432,784	7/1995	Ozveren	370	235	
1	F	5,442,457	8/1995	Najafi			· <del></del>
	G	5,442,624	8/1995	Bonomi, et al.	370	231	
	Н	5,442,630	8/1995	Gagliardi, et al.			
$\dashv$	I	5,444,491	8/1995	Lim	348	441	
1	J	5,450,406	9/1995	Esaki, et al.	370	60	
+	K	5,452,297	9/1995	Hiller, et al.			
$\dagger$	L	5,473,599	12/1995	Li, et al.			
•	M	5,473,607	12/1995	Hausman, et al.			<u> </u>
	N	5,477,541	12/1995	White, et al.			<del> </del>
	0	5,485,455	1/1996	Dobbins, et al.	-	<del> </del>	
	P	5,490,140	2/1996	Abensour, et al.			
	Q	5,490,258	2/1996	Fenner	395	401	<del></del>
	R	5,491,687	2/1996	Christensen, et al.		<u> </u>	
	S	5,491,804	2/1996	Heath, et al.			<del></del>
$\dashv$	T	5,497,368	3/1996	Reijnierse, et al.			
	U	5,499,238	3/1996	Shon	370	399	
	V	5,504,747	4/1996	Sweasey			
	W	5,509,006	4/1996	Wilford, et al			
-  -	X	5,517,494	5/1996	Green			
-	Y	5,519,704	5/1996	Farinacci, et al			
	. Z	5,519,858	5/1996	Walton, et al	395	600	

Information Disclosure Citation In an Application

Application No. Applicant(s) Darren R. Kerr et al. 09/812,835 Filing Date Docket Number Group Art Unit 062891.0993 2145 March 21, 2001 Confirmation No.

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		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
1	A	5,523,999	6/1996	Takano, et al.	370	389	
	В	5,526,489	6/1996	Nilakantan, et al.			
	С	5,530,963	6/1996	Moore, et al.			
1	D	5,533,033	7/1996	Ratner	714	746	
1	E	5,535,195	7/1996	Lee			
1	F	5,539,734	7/1996	Burwell, et al.			
+	G	5,541,911	7/1996	Nilakantan, et al.			
	Н	5,546,370	8/1996	Ishikawa			
	I	5,555,244	9/1996	Gupta, et al.			
Ť	J	5,557,747	9/1996	Rogers, et al.	709	223	
	K	5,561,669	10/1996	Lenney, et al.			· = 1, 1,1,1,1,1, 2,11
$\parallel$	L	5,566,170	10/1996	Bakkee, et al.	370	392	
	M	5,583,862	12/1996	Callon			
1	N	5,583,865	12/1996	Esaki, et al.	370	397	· ·
1	0	5,592,470	1/1997	Rudrapatna, et al.			
Ť	P	5,598,581	1/1997	Daines, et al.			
$\dagger$	Q	5,600,798	2/1997	Chenrukuri, et al.			
1	R	5,604,868	2/1997	Komine, et al.			
1	S	5,608,726	3/1997	Virgile			
+	T	5,608,908	3/1997	Barghouti, et al.	395	703	
$\dagger$	U	5,610,904	3/1997	Eng, et al.	370	408	
$\dagger$	V	5,614,891	3/1997	Zeinstra, et al.	340	825.22	
	W	5,617,417	4/1997	Sathe, et al.			
+	X	5,617,421	4/1997	Chin, et al.			
$\dagger$	Y	5,625,622	4/1997	Johri	370	232	
十	. Z	5,630,125	5/1997	Zellweger	395	614	

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		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A	5,632,021	5/1997	Jennings, et al.			
	В	5,634,010	5/1997	Ciscon, et al.			
	С	5,638,359	6/1997	Peltola, et al.	-		
	D	5,644,718	7/1997	Belove, et al.			
	E	5,644,751	7/1997	Burnett	711	113	
	F	5,659,684	8/1997	Giovannoni, et al.			
	G	5,666,353	9/1997	Klausmeier, et al.			
_	Н	5,673,265	9/1997	Gupta, et al.	<del>-</del>		
	I	5,678,006	10/1997	Valizadeh, et al.			<del></del>
	J	5,680,116	10/1997	Hashimoto, et al.		-	
	K	5,684,797	11/1997	Aznar, et al.	370	390	
_	L	5,689,506	11/1997	Chiussi, et al.	370	388	
-	M	5,694,390	12/1997	Yamato et al.			
	N	5,699,532	12/1997	Barrett, et al.	710	129	
	О	5,748,186	5/1998	Raman	345	302	+
	P	5,748,617	5/1998	McLain, Jr.			
	Q	5,754,768	5/1998	Brech, et al.	395	200.6	
	R	5,802,054	9/1998	Bellenger			
	S	5,835,710	11/1998	Nagami, et al.			
	Т	5,842,040	11/1998	Hughes, et al.	710	11	
	U	5,856,981	1/1999	Voelker			
	V	5,892,924	4/1999	Lyon, et al.	395	200.75	
	W	5,903,559	5/1999	Acharya, et al.			
	X	6,091,725	7/2000	Cheriton, et al.	370	392	
-	· Y	6,243,667	6/2001	Kerr et al.	703	27	
	Z	6,343,322	1/2002	Nagami, et al.	709	227	

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				FOREIGN P.	ATENT DOCUM	MENTS			
			DOCUMENT NO.	FILING	COUNTRY	CLASS	SUBCLASS	TRANS	LATION
				DATE				MEG	NO
			0 204 750 42	22.02.1990	EP	H04L	12/56	YES X	NO
		A	0 384 758 A2						
		В	0 431 751 A1	02/11/1990	EP	H04L	12/46	X	
		С	0 567 217 A2	12.03.1993	EP	H04L	12/46	X	
		D	WO 93/07569	22.09.1992	PCT	G06F	13/40	X	
		Е	WO 93/07692	22.09.1992	PCT	H04J	3/24	X	
		F	WO 94/01828	01.07.1993	PCT	G06F	15/40, 5/00	X	
		G	WO 95/20850	26.01.1995	PCT	H04L	12/56	X	
			DOCUN	IENT (Including Author	r, Title, Source, and Pe	rtinent Pages)	·	DA	ATE
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				2 cover pages and p		<del></del>			
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			551, 22 pgs.						
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	G			vski, "Putting Routing			twork	01/1992	
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	Н	D. Perl	cins, "Requirements	for an Internet Stan	dard Point-to-Poi	nt Protocol," ]	Network	12/1993	;
:		Workii	ng Group, RFC 154'	7, 21 pages					
	I	W. Sin	npson, "The Point-to	o-Point Protocol (PP	P)," Network Wo	rking Group,	RFC 1661, 34	07/1994	1
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	J		suchiya, "A Search	Algorithm for Table	Entries with Non	-Contiguous \	Wildcarding," 9	02/1991	
	K	pgs. H. Zha	ng and D. Ferrari. "	Rate-Controlled Star	tic-Priority Oueue	eing." IEEE IN	NFOCOM '93.	1993	-
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		13-							

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

DATE CONSIDERED

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EXAMINER